



DANSK EPILEPSI SELSKAB
Danish Epilepsy Society

Danish Epilepsy Centre

FILADELFIA

ILAE Summer School on EEG and Epilepsy

11th – 19th July 2026, Dianalund, Denmark

The ILAE Summer School on EEG and Epilepsy is an advanced course on EEG and its application in the field of epilepsy. The 8-day course is practically-oriented, with many hands-on sessions, and it is highly interactive.

The main idea of the course is to bridge the gap between epileptologists and neurophysiologists. Therefore, topics both in the realm of signal analysis and topics related to seizure semiology and clinical significance of EEG findings will be covered.

The theoretical presentations (in the morning) will be supplemented by EEG-reading sessions, where the participants will be guided through video-EEG samples by the tutors. The last day of the course will be dedicated to discussion of difficult cases brought by the participants.

Main topics

Cellular origin of the EEG signals
Digital EEG: technical aspects
Equivalent current dipoles
Montages and voltage maps
Source localisation
Background activity: qualitative and quantitative assessment
Interictal epileptiform discharges: spike-generation and propagation
Reporting the findings
Normal variants
Seizure semiology & classification

Long term video EEG monitoring
Polygraphic recordings
Ictal EEG activity
Intracranial recordings
EEG in status epilepticus
EEG in critically ill patients
High Density EEG
Differential diagnosis: sleep disorders
Specific aspects of EEG in neonates and infants
Effect of medication on the EEG

In-person attendance is limited to a maximum of 24 participants. Applicants are expected to have solid theoretical and practical knowledge of EEG (at least one year of training in EEG). Alumni of VIREPA-EEG courses will be given priority. The course will be held at the Danish Epilepsy Centre in Dianalund, Denmark.

Online attendance with streamed lectures and access to offline recordings, is also available.

Registration fee for in-person attendance is 1300 Euros. This fee includes access to the course, accommodation at the Danish Epilepsy Centre in single rooms with a private bathroom, full board and coffee breaks, and course materials.

Registration fee for online attendance is 300 Euros.

A very limited number of bursaries are available, though with a self-contribution of 200 Euros for each bursary recipient.

A limited number of shared-bursaries are available: self-contribution of 650 Euros for each shared-bursary recipient.

Course director: Sándor Beniczky

Please send application form, short CV (including list of publications) and for in-person attendance a recommendation letter by **March 31st, 2026 to:**

sine.kongsbak.arvedsen@regionh.dk